Approved for use through 10/31/2002. OMB 0651-0031

Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Tradem persons are required to respond to a collection of info. tion unless it contains a valid OMB control Under the Paperwork Reduction Act of 1995, A

1	E 10176	Substitute for form 1-	449B	PTO		Complete if Known	
	The state of the s	NFORMATION DIS	CLO	SURE	Application Number	09/779,455	·
$\circ$	THE S	TATEMENT BY A	PPLI	CANT	Filing Date	02/09/2001	
		) 	h. 4.4	2002	First Named Inventor	Tarun K. DHAR	
	1111	pate Submitted: Jul	ıy 14,	2003	Group Art Unit	1641	
		le as many sheets a	as ne	cessary)	Examiner Name	Bao Thuy L. Nguyen	
1	STEMP	1	of	2	Attorney Docket Number	056859-0115	

U.S. PATENT DOCUMENTS							
	Cite No.1	U.S. Patent De	ocument		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant	
Examiner Initials*		Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document		Passages or Relevant Figures Appear	
BTN	A1	5,922,615		Nowakowski, Mark et al.	07/13/1999		
	A2	5,885,526		Chu, Albert	03/23/1999	C	
	A3	4,818,677		Hay-Kaufman, Martha	04/04/1989	14	
	A4	4,366,241 Re-exam Cert.		Tom, Henry et al.	10/18/1988	40 12/K	
	A5	4,727,019		Valkirs, Gunars et al.	02/23/1988	Mr Po	
	A6	4,632,901		Valkirs, Gunars et al.	12/30/1986	160 / 93	
	A7	4,446,232		Liotta, Lance	05/01/1984	16-	
	A8	4,426,451		Columbus, Richard	01/17/1984	PON	
	A9	4,310,399		Columbus, Richard	01/12/1982	730	
_   ,	A10	4,366,241		Tom, Henry et al.	12/28/1982	10	
BIN	A11	4,233,029		Columbus, Richard	11/11/1980		

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Office <sup>3</sup> Number <sup>4</sup>	Document Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т <sup>6</sup>

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
BIN	A12	BHATTACHARYA, R. et al. "A novel signal amplification technology based on catalyzed reporter deposition and its application Dot-ELISA with ultra high sensitivity," J Immunol. Methods, July 30, 1999, 227:31-39, Elsevier Science B.V.	
1-	A13	BHATTACHARYA, D. et al. "A novel signal amplification technology based on catalyzed reporter deposition. Demonstration of its applicability for measuring aflatoxin B <sub>1</sub> ," J Immunol. Methods, 1999, 230:71-86, Elsevier Science B.V.	
	A14	BOBROW, M. et al. "Catalyzed reporter deposition, a novel method of signal amplification. II. Application to membrane immunoassays," J. Immunol. Methods, 1991, 137:103-112, Elsevier Science Publishers B.V.	
	A15	BOBROW, M. et al. "Catalyzed reporter deposition, a novel method of signal amplification," J. Immunol. Methods, 1989, 125:279, Elsevier Science Publishers B.V.	
	A16	PORSTMANN, T. et al. "Enzyme immunoassay techniques –An overview" J. Immunol. Methods, 1992; 150: 5-21, Elsevier Science Publishers B.V.	
BIN	A17	BATES, D.L "Enzyme amplification in diagnostics", Trends in Biotechnology, 1987, 5:204-209, Elsevier Publications	

Examiner Signature Manual Manu	Date Considered	9/24/03	
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------	---------	--

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450,

<sup>\*</sup>EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Tradem Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

number: Substitute for form 1449B/PTO Complete if Known Application Number 09/779,455 INFORMATION DISCLOSURE 02/09/2001 SEATEMENT BY APPLICANT **Filing Date** Tarun K. DHAR First Named Inventor te Submitted: July 14, 2003 1641 Group Art Unit Bao Thuy L. Nguyen as many sheets as necessary) **Examiner Name** 056859-0115 of 2 Attorney Docket Number

Cito	Include name of the outbox (in CADITAL LETTERS) title of the exticle (when appropriate) title of the	
Examiner Initials*  Cite No. 1  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), tit item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue numbers, city and/or country where published.		T <sub>6</sub>
A18	HAWKES, R. et al. "A Dot-Immunobinding Assay for Monoclonal and Other Antibodies", Analytical Biochemistry, 1982, 119:142-147, Academic Press, Inc.	
		publisher, city and/or country where published.  A18 HAWKES, R. et al. "A Dot-Immunobinding Assay for Monoclonal and Other Antibodies", Analytical Biochemistry, 1982,

Examiner Signature May Super	Date Considered	9/24/03
------------------------------	--------------------	---------

\*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450,